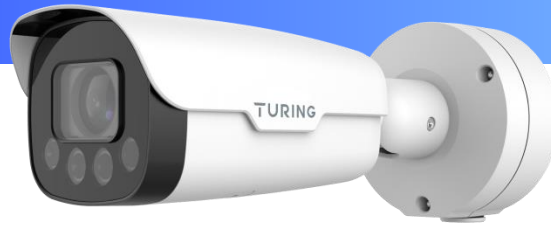


TP-MMB2AV5L

2MP HD TwilightVision™ IR Bullet Camera



KEY FEATURES

- ✓ To be used with SMART Series NVR with Turing Vision Cloud
- ✓ 5~50mm motorized zoom lens, ideal for license plate capture
- ✓ **TwilightVision™** technology superior low-light performance
- ✓ People & vehicle detection with onboard AI
- ✓ Turing Vision Core license for people & vehicle search, cloud storage, and more.

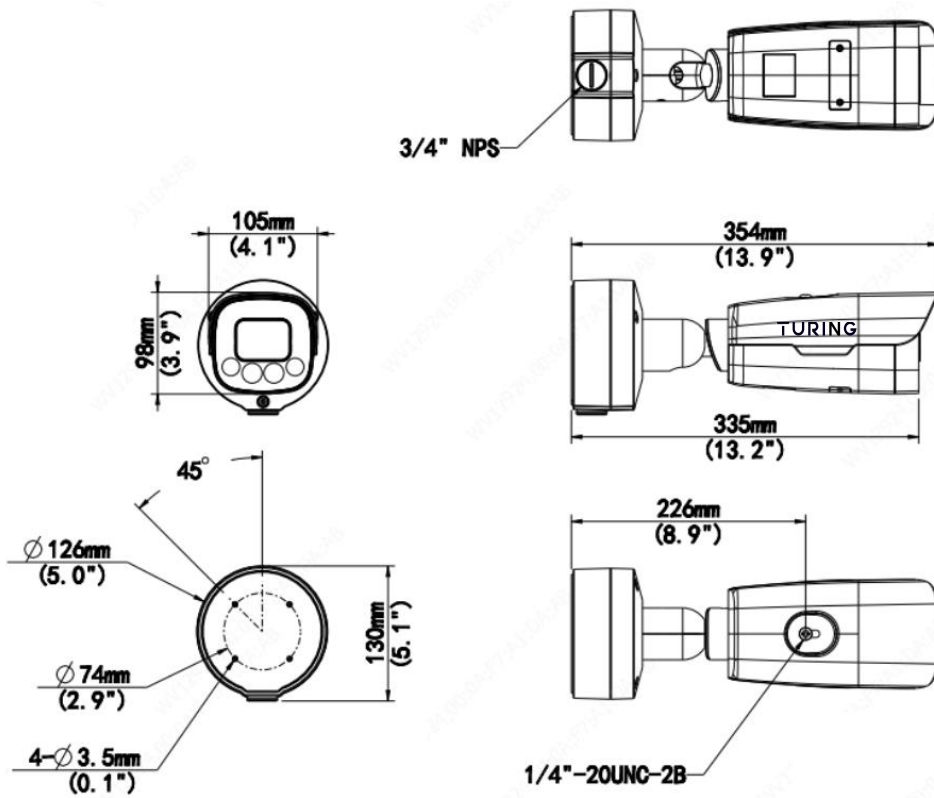


SPECIFICATIONS

CAMERA		AUDIO	
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS	Audio Compression	G.711U, G.711A
Illumination	Colour:0.002 lux (F1.6, AGC ON)0 lux with IR	Audio Bitrate	64 Kbps
Day/Night	IR-cut filter with auto switch (ICR)	2-way Audio	Yes
Shutter	Auto/Manual, 1 ~ 1/100000s	Suppression	Yes
WDR	120dB	Sampling	8KHz
S/N	> 52dB	STORAGE	
LENS		Edge Storage	Micro SD, up to 256 GB
Lens type	5~50mm@F1.6, AF automatic focusing and motorized zoom lens	Network Storage	ANR,NAS(NFS)
Iris	DC-iris	NETWORK	
Angle of View (H)	4.71°~55.87°	Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS
Angle of View (V)	2.65°~33.21°	Compatibility	ONVIF (Profile S, Profile G, Profile T), API, SDK
Angle of View (O)	5.56°~68.72°	User/Host	Up to 32 users. 2 user levels: administrator and common user
ILLUMINATION		Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
IR Range	Up to 100m (328.1 ft) IR range	Web Browser	Plug-in: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Wavelength	850nm	INTERFACE	
IR Control	Auto/Manual	Audio I/O	1/1
VIDEO		Alarm I/O	2/1
Video Comp.	Ultra 265, H.265, H.264, MJPEG	Serial Port	1 RS485
Frame Rate	Main Stream: 2MP (1920*1080),Max 60fps; Sub Stream: 1080P (1920*1080), Max 60fps;Third Stream: D1 (720*576), Max 60fps; Fourth Stream: D1 (720*576), Max 60fps;Fifth Stream: D1 (720*576), Max 60fps;	Built-in Mic	N/A
Video Bit Rate	128 Kbps~16 Mbps	Built-in Speaker	N/A
H.264 Type	Baseline Profile/Main Profile/High Profile	Built-in Heater	Yes
H.265 Type	Main Profile	WIFI	N/A
U-code	Support	Network	1 * RJ45 10M/100M Base-TX Ethernet
ROI	Up to 8 areas	Video Output	1 BNC
Video stream	Five streams	CERTIFICATION	
OSD	Up to 8 OSDs	EMC	FCC CFR 47 Part 15, EN 55032:2015, EN 55024:2010, EN 61000-3-2:2014, EN 61000-3-3-2013
Privacy Mask	Up to 4 zones per scene (black block)	Safety	IEC 62368-1, EN 62368-1, UL 60950-1
IMAGE		Environment	CE-ROHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006)
Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2	Protection	Ingression protection: IP67 (IEC 60529-2013) Vandal resistant: IK10 (IEC 62262:2002)
Noise Red.	2D/3D DNR	GENERAL	
Smart IR	Support	Power	DC 12V(-10%,+25%) , PoE+ (IEEE 802.3at) Power consumption: Max 13W
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise	Power Interface	Wires with cold-pressed terminal
HLC	Support	Dimensions (L x W x H)	354 x 105 x 98mm (13.9" x 4.1" x 3.9")
BLC	Support	Weight	1.93kg(4.25lb)
Defog	Digital Defog	Working Environment	-40°C~60°C(-40°F ~ 140°F) · Humidity: ≤95% RH
EVENTS		Storage Environment	-40°C~70°C(-40°F ~ 158°F) · Humidity: ≤95% RH
Detection	Motion detection, Audio detection, Tampering alarm	Surge protection	6KV
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication	Vandal Resistant	IK10
		Ingress Protection	IP67
		Reset button	Yes



DIMENSIONS



MOUNTING

